

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method for ~~interacting with a remote device allowing remote access to a monitoring device~~ comprising:

receiving a request from a remote client computer to obtain control over a monitoring device, wherein the monitoring device is communicatively coupled and configured to be controlled from a premises server that received the request;

dynamically generating a graphical user interface responsive to [[a]] ~~the~~ request, the graphical user interface being operable to control the ~~remote monitoring device, wherein controlling said remote device includes accessing said remote device and dynamically issuing instructions to manipulate an operation of the remote device and~~ wherein dynamically generating [[a]] ~~the~~ graphical user interface includes ~~identifying a remote device corresponding to the request and selecting from a plurality of program modules stored at the premises server, a monitoring device~~ program module corresponding to ~~said identified remote the type of monitoring device from a plurality of program modules that will be controlled through the graphical user interface, said monitoring device~~ program module operable to control said ~~remote the monitoring device;~~

delivering the graphical user interface to the remote client computer;

obtaining user control instructions ~~from said at the~~ graphical user interface for controlling the ~~remote monitoring device, wherein the user control instructions for controlling the remote device are submitted by one authorized user at a time wherein the user control instructions are obtained without said monitoring device~~ program module being installed on the remote client computer;

transmitting remote device control data corresponding to said user control instructions ~~submitted by one authorized user at a time~~ to the monitoring device; and

obtaining remote device data generated by ~~said remote~~ the monitoring device in response to receipt transmission of said ~~remote device control data~~ user control instructions.

2-3. (Canceled)

4. (Currently amended) The method of Claim 1, wherein dynamically generating a graphical user interface includes:

identifying two or more ~~remote~~ monitoring devices corresponding to ~~[[said]]~~ the request;
selecting from the plurality of program modules, a program module corresponding to each identified ~~remote~~ monitoring device ~~from a plurality of program modules~~, the program modules operable to control ~~said remote device~~; the two or more monitoring devices; and

generating a single screen interface containing all of the program modules, the program modules operable to generate graphical user interface components corresponding to ~~each requested remote device~~ the two or more monitoring devices.

5. (Currently amended) The method of Claim 4, wherein said user control instructions control the operation of all of ~~said remote~~ the two or more monitoring devices.

6. (Currently amended) The method of Claim 1, wherein ~~[[said]]~~ the graphical user interface ~~[[is]]~~ comprises a Web page.

7. (Currently amended) The method of Claim 1, wherein obtaining a request corresponding to controlling ~~one or more identifiable remote devices~~ the monitoring device includes:

obtaining a request for monitoring data corresponding to ~~said remote~~ the monitoring device.

8. (Currently amended) The method of Claim 1, wherein obtaining a request corresponding to controlling ~~one or more identifiable remote devices~~ the monitoring device includes:

obtaining a request to transmit data to ~~said remote~~ the monitoring device.

9. (Currently amended) The method of Claim 8, wherein said transmitted data causes ~~said remote~~ the monitoring device to move.

10. (Currently amended) The method of Claim 1, wherein transmitting control data includes:

transmitting a request for accessing data from ~~said remote~~ the monitoring device; and
transmitting authorization for access to ~~said remote~~ the monitoring device.

11. (Currently amended) The method of Claim 1, wherein obtaining remote device data generated by ~~said remote~~ the monitoring device includes:

obtaining real-time data generated by ~~said remote~~ the monitoring device.

12. (Currently amended) The method of Claim 1, wherein obtaining remote device data generated by ~~said remote~~ the monitoring device includes:

obtaining pre-recorded data generated by ~~said remote~~ the monitoring device.

13. (Currently amended) The method of Claim 1, wherein ~~said remote~~ the monitoring device is a video camera, and wherein obtaining remote device data includes obtaining video data from said video camera.

14. (Currently amended) The method of Claim 13, wherein transmitting remote device control data includes transmitting data manipulating said video camera.

15. (Currently amended) The method of Claim 1, wherein transmitting data includes manipulating operating parameters of ~~said-remote~~ the monitoring device using said graphical user interface; and wherein obtaining remote device data includes obtaining remote device data generated by ~~said-remote~~ the monitoring device based on said manipulated operating parameters.

16. (Currently amended) The method of Claim 15, wherein ~~[[said]]~~ the graphical user interface includes a graphical means for manipulating said operating parameters of ~~said-remote~~ the monitoring device, said graphical means operable to receive user inputs corresponding to said manipulation.

17. (Currently amended) The method of Claim 16, wherein ~~[[said]]~~ the remote device is a video camera, and wherein said graphical means is a graphical controller including graphical representation of a compass having an origin and directional indicators.

18. (Original) The method of Claim 17, wherein said graphical controller is operable to communicate the intensity of said manipulation, said intensity based on the distance away said user input is from said origin.

19. (Currently amended) The method of Claim 1, wherein obtaining user control data includes obtaining a request for manipulating operating parameters of ~~said-remote~~ the monitoring device; and

wherein transmitting remote device control data includes translating said request into device specific commands, and transmitting said device specific commands to ~~said-remote~~

the monitoring device operable to change said operating parameters of said ~~remote~~
the monitoring device.

20. (Original) The method of Claim 18, wherein said remote device data generated by said remote device based on said changed operating parameters is real-time data.

21. (Currently amended) The method of Claim 1, wherein said ~~remote~~ the monitoring device is selected from the group consisting of intrusion detection devices, card readers, door strikes and contacts, access control panels, bar code scanners, video cameras, still cameras, and microphones.

22. (Currently amended) The method of Claim 1, wherein said ~~remote~~ the monitoring device can be locked, thereby preventing the simultaneous submission of instructions by more than one user.

23. (Currently amended) A computer-readable medium having computer-executable instructions for performing the method recited in any one of Claims 1 and 4-22.

24. (Currently amended) A computer system having a processor, a memory, and an operating environment, said computer system operable to perform the method recited in any one of Claims 1 and 4-22.

25-28. (Canceled)

29. (Currently amended) In a computer system including a client device in communication with a central server via a communication network, a method ~~for dynamically~~

~~generating a graphical user interface for controlling at least one pre-selected remote device comprising:~~

~~obtaining receiving a request to control at least one pre-selected remote device from the client device by a central server and to obtain control over at least one pre-selected remote device, wherein the at least one pre-selected remote device is communicatively coupled and configured to be controlled from a central server that received the request;~~

~~selecting from a plurality of program modules, one or more program modules from a plurality of program modules in response to said request and corresponding to said request to control the at least one pre-selected remote device corresponding to the type of remote device that will be controlled, said one or more program modules operable to control said remote device being stored at the central server; and~~

~~transmitting a screen interface with said one or more program modules, wherein said screen interface containing said one or more program modules is operable to generate a graphical user interface for controlling the at least one pre-selected remote device [[when]] if loaded within a browser application on the client device, and wherein the controlling includes accessing the at least one pre-selected remote device and dynamically issuing instructions to manipulate an operation of the at least one pre-selected remote device.~~

30. (Currently amended) The method of Claim 29, wherein said request to control includes two or more pre-selected devices, and wherein said screen interface is an integrated screen interface containing said program modules, said program modules operable to generate [[a]] the graphical user interface corresponding to [[said]] a requested remote device when said single screen interface is loaded on a browser application.

31. (Currently amended) The method of Claim 29, wherein said screen interface comprises a Web page.

32. (Currently amended) The method of Claim 29, wherein the at least one pre-selected remote device is a video camera having pan-tilt-zoom functionality, and wherein said graphical user interface is operable to control said pan-tilt-zoom functionality of said video camera and to view data from said video camera.

33. (Currently amended) The method of Claim 29, wherein the at least one pre-selected remote device is a temperature control device, and wherein said graphical user interface is operable to control said change in temperature of said temperature control device.

34. (Currently amended) The method of Claim 29, wherein the at least one pre-selected remote device is a motion detector.

35. (Original) A computer-readable medium having computer-executable instructions for performing the method recited in any one of Claims 29-34.

36. (Original) A computer system having a processor, a memory, and an operating environment, said computer system operable to perform the method recited in any one of Claims 29-34.

37. (Currently amended) A system for dynamically generating a user interface for controlling at least one remote device comprising:

at least one remote device operable to receive control commands and to transmit monitoring data based on said control commands;

a server computer ~~in communication~~ configured to communicate with ~~[[said]]~~ the at least one remote device, said server computer operable to ~~dynamically generate~~ transmit and cause at least a portion of a graphical user interface for controlling ~~[[said]]~~ the at least one remote device, ~~wherein the remote device is controlled by one authorized user at a time to be generated on the client computer,~~ wherein to cause at least a portion of a graphical user interface to be generated on the client computer includes selecting a program module corresponding to the type of device that will transmit monitoring data to the client computer;

a client computer ~~in communication~~ configured to communicate with said server computer, said client computer operable to display said at least a portion of a graphical user interface transmitted from said server computer, and to request said control commands for controlling ~~[[said]]~~ the at least one remote device, wherein the controlling includes accessing the at least one remote device and dynamically issuing instructions to manipulate an operation of the at least one remote device.

38. (Currently amended) The system of Claim 37, further comprising a proxy server in communication with said client computer and said server computer, said proxy server operable to process and store monitoring data generated by ~~[[said]]~~ the at least one remote device.

39. (Original) The system of Claim 37, wherein said server computer and said client computer are in communication via the Internet.

40. (Original) The system of Claim 37, wherein said server computer and said client computer are in communication via a dedicated device control network.